

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1143	136/255.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/19 14:24
L2	1016	136/255.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/10/19 14:25
L3	59	2 and nano	US-PGPUB; USPAT	ADJ	ON	2010/10/19 14:25
L4	205	2 and schottky	US-PGPUB; USPAT	ADJ	ON	2010/10/19 14:26
L5	5	2 and (schottky same nano)	US-PGPUB; USPAT	ADJ	ON	2010/10/19 14:26
L6	3	2 and schottky and (metal same nano)	US-PGPUB; USPAT	ADJ	ON	2010/10/19 14:26
S1	5105	buried contact or laser near1 groov\$2	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 13:11
S2	5105	buried contact or (laser near1 groov\$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 13:11
S3	158	S2 and (solar or photovoltaic)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 13:11
S4	3	S3 and space charge	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 13:11
S5	55	S3 and (transparent conductive oxide or zno or ito)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 13:12
S6	11	S3 and ((groove or contact) with spacing)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 13:38
S7	48	S3 and ((groove or contact) with depth)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 13:41
S8	72	S3 and ((groove or contact) with width)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 13:57
S9	3	S3 and ((groove or contact) with width with nm)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 13:57
S10	9	S3 and ((groove or contact) with width with micron)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 14:26

S11	26	("4239810" "4278473" "4322571" "4352948" "4379944" "4427839" "4444992" "4453030" "4570173" "4608451" "4626613" "4886555" "5053083" "5258077" "5356488" "5449626" "5580395" "5704992" "5853497").PN. OR ("6172297").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 14:32
S12	1689	buried contact or (laser near1 groov\$2)	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/22 14:36
S13	30	S12 and ((groove or contact or electrode) with (distance or spacing))	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/22 14:37
S14	211	S12 and ((groove or contact or electrode) with (width or depth or thickness or nm))	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/22 14:37
S15	153	S12 and ((groove or contact or electrode) with (width or thickness or nm))	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/22 14:47
S16	166690	((contact or electrode) with groov\$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 14:59
S17	1632	S16 and (solar or photovoltaic)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 15:00
S18	615	S17 and (groove with (depth or width or nm))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 15:00
S19	474	S17 and (groove with (width or nm))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 15:00
S20	15	S17 and (groove with (width with nm))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 15:00
S21	4018	(buried or burried) contact	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 15:17
S22	4012	buried contact	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 15:17
S23	6	S21 not S22	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 15:18
S24	5	S23 and width	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 15:18
S25	0	S23 and (width with groove)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 15:18
S26	1	S23 and (width with (contact or electrode or metal))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 15:18

S27	114	S21 and schottky	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 15:19
S28	8	S27 and (solar or photovoltaic)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 15:19
S29	94	S21 and (solar or photovoltaic)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 15:49
S30	3132	(solar or photovoltaic) and schottky	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/22 16:35
S31	552	S30 and ((groove or hole or opening) with (metal or contact))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/22 16:35
S32	67	S30 and ((groove or opening) with (metal or contact))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/22 16:36
S33	17	S30 and (nano with emitter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/22 16:39
S34	23	S30 and (nano with schottky)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/22 16:40
S35	23	S30 and (nm with metal with schottky)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/22 16:41
S36	23	S30 and ((buried or burried or groove or opening) with schottky)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/22 16:43

S37	3132	(solar or photovoltaic) and schottky	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/22 18:22
S38	61	S37 and ((channel) with schottky)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/22 18:22
S39	89	(solar or photovoltaic) and (mis near1 junction)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/22 18:29
S40	1217	(solar or photovoltaic) and (metal with insulator with semiconductor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/22 18:33
S41	562	(solar or photovoltaic) and (metal near1 insulator near1 semiconductor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/22 18:33
S42	112	S41 and (metal with (groove or channel or opening))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/22 18:33
S43	1639	metal near1 island	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/22 18:43
S44	141	S43 and (solar or photovoltaic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/22 18:43

S45	117	S44 and nm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/22 18:43
S46	97	S44 and (nm with metal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/22 18:43
S47	21	(nakato near1 yoshihiro) or (hiroshi near1 tsubomura)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/22 18:45
S48	8	S47 and (solar or photovoltaic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/22 18:46
S49	25	lewerenz.in. and (solar or photovoltaic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/22 18:47
S50	15	cics with (solar or photovoltaic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/22 18:49
S51	5	cics with (solar or photovoltaic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2010/03/22 18:50
S52	7	(metal near1 (island or cluster)) with (solar or photovoltaic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2010/03/22 19:02

S53	6	((platinum or gold or copper) near1 (island or cluster)) with (solar or photovoltaic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2010/03/22 19:02
S54	13	S52 or S53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2010/03/22 19:02
S55	19125	metal with (embed\$3 or penetrat\$3 or within or inside) with semiconductor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2010/03/22 19:11
S56	28604	metal with (embed\$3 or penetrat\$3 or within or inside) with (semiconductor or silicon)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2010/03/22 19:11
S57	1065	S56 and (solar or photovoltaic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2010/03/22 19:11
S58	182	S57 and (metal with nm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2010/03/22 19:12
S59	454	(solar or photovoltaic) with (mis)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/22 19:19
S60	239	S59 and (island or cluster or particle or groove or channel or opening)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/22 19:20

S61	42	S59 and (metal with (island or cluster or particle or groove or channel or opening))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/22 19:20
S62	197	S60 not S61	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/22 19:24
S63	197	S60 not S61	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2010/03/22 19:26
S64	168	S59 and (island or cluster or particle or groove or channel or opening)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2010/03/22 19:26
S65	138	S64 not S61	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2010/03/22 19:26
S66	289	(solar or photovoltaic) with (mis)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2010/03/22 19:33
S67	2	("20030172969").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/23 11:47
S68	1	"19837365"	DERWENT	ADJ	ON	2010/03/23 12:33
S69	0	buried contact and ((rear or back) with reflect\$5)	DERWENT	ADJ	ON	2010/03/23 13:45
S70	1	mis and (solar or photovoltaic) and ((rear or back) with reflect\$5)	DERWENT	ADJ	ON	2010/03/23 13:46
S71	995	mis and (solar or photovoltaic) and ((rear or back) with reflect\$5)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/23 13:46

S72	4	mis and buried contact and (solar or photovoltaic) and ((rear or back) with reflect\$5)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/23 13:47
S73	13	"633801"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/23 14:29
S74	3392	schottky and (solar or photovoltaic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/12 18:33
S75	982	S74 and (nano or micro)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/12 18:33
S76	165	S74 and ((nano or micro) with (metal or metallic))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/12 18:33
S77	110	S74 and (metal with (island or dot))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/12 18:40
S78	0	S74 and (metal in silicon)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/12 18:43
S79	3	S74 and (metal with in silicon)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/12 18:43
S80	2	S74 and (metal with within silicon)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/12 18:44

S81	9	S74 and (metal with (penetrat\$3) with silicon)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/12 18:44
S82	30	S74 and (metal with (penetrat\$3) with (silicon or semiconductor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/12 18:45
S83	3393	(solar or photovoltaic) and schottky	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 19:53
S84	537	S83 and nano	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 19:53
S85	0	S83 and nanoemitter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 19:53
S86	1	S83 and nano emitter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 19:53
S87	19	S83 and (nano with emitter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 19:53
S88	217	S83 and (nanotub or nanowire)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 19:53

S89	10	"1116180"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 19:53
S90	16	("20030140959" "20040109666" "20040118448" "20040183070" "20040187918" "20050098204" "20050121068" "6069313").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 19:54
S91	0	"11/16180"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 19:55
S92	110	S83 and ((nanotub or nanowire) with (metal or metallic))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 19:55
S93	100	S83 and ((nano) with (metal or metallic))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 19:57
S94	264	S83 and ((nanotube or nanowire) with (metal or metallic))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 19:58
S95	154	S94 not S92	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 19:58
S96	8	("20030140959" "20040109666" "20040118448" "20040183070" "20040187918" "20050098204" "20050121068" "6069313").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/13 20:02

EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	4	((solar or photovoltaic) and schottky and (nano)).clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/10/19 14:27
L8	1	((solar or photovoltaic) and schottky and (penetrate with metal with semiconductor)).clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/10/19 14:28
L9	1	((solar or photovoltaic) and schottky and (penetrat\$3 with metal with semiconductor)).clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/10/19 14:28
L10	2	((solar or photovoltaic) and schottky and (penetrat\$3 and metal and semiconductor)).clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/10/19 14:28

10/ 19/ 2010 2:29:00 PM**C:\ Documents and Settings\ mberdichevsky\ My Documents\ EAST\ Workspaces\ 10575496.w sp**